King Fahd University for Petroleum and Minerals Department of Mathematics & Statistics

Term 132 Math 102 (32) Quiz#2 (5.6, 6.1, & 6.2) Family Name: S.r#

Q1.Use Washer method to <u>set up</u> - **Don't Integrate** - the integration that represents the volume generated by rotating the region enclosed by $y^2 = 4x$, and y = -x about x = -1.

Q2.Use cylindrical shell method to <u>set up</u> - **Don't Integrate** - the integration that represents the volume generated by rotating the region enclosed by $y^2 = 4x$, and y = -x about x = -1.